

Subject: Minutes: DSS-13 Weekly Meeting 8-18-08

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Minutes: DSS-13 Weekly Meeting on 8-18-08

DSS-13 Antenna Activities: Preparation is underway for the retest of the Ka-band system at DSS-13 position one. Dan Kelly provides support on the design and fabrication of an 11" by 13" aluminum plate. The plate will be used to cover the front surface of a Ka/Ka dichroic in order to improve the Ka-band system bandwidth. The plate will be done by this wednesday.

Full Sky 4th Order Pointing Model: No progress, D. Rochblatt is still at CDSCC and plans to be back on 9/15/08.

DSS-13 Remote Operations: We had a successful pre-demo of the web based DSS-13 surveillance cameras and E-stop at SPC-10 on 8-14-08. Participants are K. Massey, K. Bunnell, R. Dorcey, B. Klein, M. Lopez, DSS-13 staff and me. Ryan D. successfully installed a camera control capability (pan/zoom/tilt) on a temporally admin LAN. Kim M. suggested that the wind data should be at the window display, everyone agrees. Ryan will work on some security and networking issues. When it is ready, we will schedule for the next demo. R. Haroldsson will be invited also.

For the work on bringing the IF signals from DSS-13 and 70m R&D cone to ACME at SPC-10, Gary reported that the capability for X-band exists. It is a matter of changing the configuration. However it is not clear about the 22GHz system. Gary will follow up on this issue and should have the answer in the next meeting.

Bandwidth and Band-limit of Ka-band System: M. Franco plans to retest the Ka-band system bandwidth again this Thursday with the new solid flat plate covered the Ka/Ka dichroic.

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